

SOLOV'YEVA, Tat'yana Mikhaylovna; ELEBESOV, Abdynasir Yelebesovich;
KORNATOVSKIY, Leonid Fedorovich

[Use of urea in feeding animals] Maly toittandyruuda mo-
chevinany koldonuu. Frunze, Kyrgyzmambas, 1962. 31 p. [In
Kirghiz] (MIRA 17:9)

CZECHOSLOVAKIA

ELECKO, J.; Veterinary Faculty, College of Agriculture (VSP, Veter. Fakulta), Kosice.

"Comparison of Glucose Blood Levels in Cows in Physiological and Protracted Deliveries, and in Cows After Conservative Caesarian Section."

Prague, Veterinarni Medicina, Vol 11, No 7, Jul 66, pp. 413 - 419

Abstract [Author's English summary modified]: Glucose blood levels were investigated before, during, and after parturition. In physiological, protracted, and Caesarian section deliveries the peak of glycemia was at the culmination of the delivery. The highest values were found in the conservative Caesarian section. The cessation of the parturition activity is accompanied by a gradual decrease of glycemia up to the 4th to 6th day after delivery, when they sink to the levels common before the delivery. 1 Figure, 1 Table, 5 Western, 9 Czech, 1 Russian reference. (Manuscript received 8 Mar 66).

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Z/043/61/000/001/001/001
D222/D302

AUTHORS : Furdík, M., Toma, Š., Suchý, J., and Flečko, P.

TITLE : Derivatives of ferrocene (II) and
derivatives based on diacetylferrocene - A method
for forming heteroannular rings

PERIODICAL : Chemické zvesti, no. 1, 1961, 45 - 62

TEXT : This paper is a continuation of the authors' studies
on aldol condensation of monoacetylferrocene with aromatic aldehydes
(Ref. 1: Chemické zvesti 14, 501 (1960)) and deals with the aldol
condensation of diacetylferrocene with aromatic aldehydes and the
influence exerted by the substituents and their position in the
benzene nucleus of the aldehyde component. Special attention was
paid to the question whether the second acetyl group condensates
with another aldehyde molecule or causes intermolecular cycli-
zation by the Michael addition on the double bond resulting from
the aldol condensation of the first acetyl group. The diacetyl-

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Derivatives of ferrocene ...

ferrocene for the tests was prepared by Friedel-Crafts reaction of acetyl chloride with ferrocene under the catalytic influence of anhydrous aluminum chloride in CS₂. The aldol condensation was performed in methyl alcohol in which the reaction products were dissolved in a ratio of 1 mol ferrocene to 2 mol aldehyde catalyzed by diluted NaOH added at 40 - 50°C. Aldehydes used in the condensation were benzaldehyde, piperonal, o-chlorobenzaldehyde, o-, m-, and p-nitrobenzaldehyde, and furfural. The obtained condensation products could be crystallized with the exception of those obtained by condensation with o-nitrobenzaldehyde which had an oily character. In most cases with the exception of nitrobenzaldehydes, the color of the condensation products was considerably less intense than that of the corresponding product obtained by monoacetylferrocene condensation and that of the initial diacetylferrocene itself. From the distinctive change of the color, it could be derived that the ethylenic double bond, originating by condensation on the first

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Derivatives of ferrocene ...

acetyl group, was saturated during the reaction, which could be effected either by an intramolecular Michael addition of the second intact acetyl group, or by intramolecular addition of the acetyl group of another diacetylferrocene molecule (Reaction scheme 2). By analysis of reaction products, especially of their infrared spectra, it could be determined that the Michael addition takes place during formation of a heteroannular 8-membered ring (including the Fe atom). It was thus ascertained that the condensation of diacetylferrocene with benzaldehyde, piperonal, o-chlorobenzaldehyde, furfural (and partially also with m-nitrobenzaldehyde) yields cyclic 1,1'-(α,α' -diketo- β -phenylpentamethylene) ferrocene or its derivatives respectively. Different products obtained by condensation with nitrobenzaldehydes showed an increase in color intensity. This led to the conclusion that the molecule conjugation increased considerably and that the Michael addition did not take place. This assumption was fully confirmed by the results of elementary

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analysis and infrared spectra of obtained condensation products. The nitro group with its -I effect and -M effect paralyzed the influence of the carbonyl group, so that the neighboring ethylenic double bond was not sufficiently polarized to allow the Michael addition. The only reaction taking place was, therefore, aldol condensation and the originating products of the 1-acetyl-1'-cinnamoylferrocene type maintained their ethylenic double bond and their intact second acetyl group. The small amount of heteroannular rings originating with condensation with m-nitrobenzaldehyde can be attributed to the weaker electron-attracting effect of the m-nitro group. In conclusion the authors state that the tests listed in this paper prove that the aldol condensation of diacetylferrocene with benzaldehyde, piperonal, o-chlorobenzaldehyde, furfural, and partially also m-nitrobenzaldehyde is accompanied by the Michael addition which leads to the formation of heteroannular rings. This

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Derivatives of ferrocene ...

intermolecular Michael addition can be considered a new preparative method for heteroannular cyclic ferrocene derivatives. The authors give credit to M. Pavlovičová of the Laboratórium fyzikálnej chémie Oddelenia chémie prírodných látok Chemického ústavu SAV v Bratislave (Laboratory of Physical Chemistry, Department for Chemistry of Natural Products, Chemical Institute of the Slovak AS in Bratislava); Engineer C. Peciarov, Engineer K. Linekov and collaborators of the analytický laboratórium, Oddelenia chémie prírodných látok Chemického ústavu SAV v Bratislave (Analytical Laboratory, Department for Chemistry of Natural Products, Chemical Institute of the Slovak AS in Bratislava); and J. Krskov of the analytický oddelenia Výzkuného ústavu agrochemickej technológie v Bratislave (Analytical Department of the Research Institute for Agrochemical Technology in Bratislava). There are 15 figures, 2 tables and 6 references: 1 Soviet bloc, 5 non-Soviet-bloc. The references to English-

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Derivatives of ferrocene ...

language publications reads as follows: P.L. Pauson: J. Am. Chem. Soc. 76, 2187 (1954); K.L. Rinehart, R.L. Curby: J. Am. Chem. Soc. 79, 3290 (1957).

ASSOCIATION: Katedra organickej chémie a biochémie Prírodovedeckej fakulty Univerzity Komenského v Bratislave (Department, Organic Chemistry and Biochemistry at the Department for Natural Sciences of the Komensky University in Bratislava); Oddelenie chémie prírodných látok Chemického ústavu Slovenskej akadémie vied v Bratislave (Department for Chemistry of Natural Products at the Chemical Institute of the Slovak AS in Bratislava)

SUBMITTED: March 3, 1980

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L 00168-66 EFF(c)/EWP(j)/EWA(c) JW/RM

ACCESSION NR: AP5025527

CZ/0043/65/000/005/0371/0378

AUTHOR: Furdik, M. (Professor, Engineer); Elecko, P. (Elechko, P.) (Graduate chemist); Kovao, S. (Kovach, Sh.) (Doctor, Engineer, Candidate of sciences)

TITLE: Ferrocenes. (XI). Sythesis of halogen compounds derived from acryloyl-ferrocene

SOURCE: Chemicke zvesti, no. 5, 1965, 371-378

TOPIC TAGS: ferrocene, chlorinated organic compound, organic nitrogen compound, brominated organic compound, IR spectrum

ABSTRACT: [Authors' English summary]: The addition of hydrogen halides and halogens to acryloylferrocenes was investigated. An attempt to prepare Beta-halopropionylferrocenes was made. Starting with beta-halopropionylferrocenes and beta-diethylaminopropionylferrocene hydrochloride, 1-(p-nitrophenyl)-3-ferrocenyl- delta 2-pyrazoline was prepared by condensation with p-nitrophenylhydrazine. This was followed by cyclization. The infra-red spectra of this compound were also studied. "Engineer J. Krsk. of the Analytical Department of the Research Institute of Agrochemical Technology at Bratislava, is thanked for performing the analysis." Orig. art. has: 1 figure, 2 formulas, 1 graph and 1 table.
Card 1/2

L 00168-66

ACCESSION NR: AP5025527

ASSOCIATION: Katedra Organickej Chemie a Biochemie Prirodovedeckej Fakulty
Univerzity Komenského, Bratislava (Department of Organic Chemistry and Biochemistry,
Faculty of Natural Sciences, Comenius University); Katedra Organickej Chemie
Slovenskej Vysokej Skoly Technickej, Bratislava (Department of Organic Chemistry,
Slovak Technical University)

SUBMITTED: 22Oct64

ENCL: 00

SUB CODE: OC, GC

NR REF SOV: 000

OTHER: 004

JPRS

SW
Card 2/2

BLEFANT, E.; NEJEDLA, Z.; VONDRAKOVA, I.

Organisation of wards for newborn; care of premature. *Pediat.*
listy 6 no.3:182-184. May-June 1951. (CJML 20:11)

1. Of the Institute of Care for Mother and Child in Prague-
Podole (Director — Prof. J. Trapl), Head of the Pediatric
Division Docent K. Kubat, M.D.

ELMFANT, B., Dr.; KADLECOVA, V., Dr.

No translation. Pediat. listy, Praha 9 no.5:295-298 Sept-Oct 54.

1. Z III. detske kliniky, prednosta doc. Dr. O.Vychytil, a z II.
ocni kliniky, prednosta prof. Dr. J.Kurz
(RETROLMENTAL FIBROPLASIA, in infant and child
diag. & ther.)

EXCERPTA MEDICA Sec 8 Vol 9/8 Neurology Aug 56

3420. ELEFANT E., JEKLEROVÁ J. and LESNÝ I. 3. Dětské Klin. a neurol. Klin. Karlovy Univ., Praha. *Případ míšní komprese u kojence. Hour-glass tumour of the spine diagnosed during the first year of life PEDIAT. LISTY 1955; 10/2 (137-140) illus. 2

A case of spinal cord compression in a 7-month-old infant by a malignant neuro-medulloblastoma (hour-glass type) is reported. The child was treated by partial excision of the tumour and postoperative X-irradiation. A survey of the literature concerning spinal cord compression caused by tumours up to the age of one year is presented. The last check-up 24 months after the operation showed considerable improvement of mobility of the lower limbs; the child could walk with help.

Authors' summary (VII, 10)

ELEFANT, E., MUDr.; VYCHYTIL, O., doc., MUDr.; ZAHOR, Z., MUDr.

Fibroelastosis of the pericardium in newborn infants. Cesk.
pediat. 10 no.5:370-376 June 55.

1. Z III. detske kliniky, prednosta doc. Dr. O. Vychytil,
- z II. pathol. anatom. ustavu, prednosta prof. Dr. V. Jedlicka.
(CARDIAC ENLARGEMENT, in infant and child
endocardial fibroelastosis)

REPERTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept 56

1871. ELEFANT E., JEKLEROVÁ J. and LESNÝ I. 3. Univ.-Kinderklin., neurol.
Klin., Karls-Univ., Prag. * Rückenmarkskompression im Säuglingsalter.
Spinal cord compression in infancy ANN. PAEDIAT. (Basel)
1955, 184/4 (253-261) Illus. 2

A 7-month-old infant with spinal-cord compression by malignant neuroblastoma
was treated successfully (at least during the 24 months after the operation) by
partial excision of the tumour and postoperative X-ray irradiation.

Durand - Genoa (VII, 8, 16)

KLEFANT, E., MUDr.; VYCHYTIL, O., MUDr.

Infantile cortical hyperostosis in one of premature twins
(Syndrome of Caffey-De Toni-Silvermann) Cesk.pediat. 11 no.2-3:
201-205 Mar 56.

1. Z III. detaše kliniky, prednosta doc. Dr. O.Vychytil.

(BONES, dis.

infantile cortical hyperostosis in one of premature
twins)

(TWINS, dis.

same)

(INFANT, PREMATURE, dis.)

ELEFANT, Emerich, MUDr.; TOSOVSKY, Vaclav, MUDr.; FAFLOVA, Helena, MUDr.

Meconium ileus. Cesk. pediat. 11 no.4:281-287 Apr 56.

1. Z III. detske kliniky Karlovy university-prednosta doc.
MUDr. Otto Vychyt z oddeleni detske a orthopedicke chirurgie
Detske fakultni nemocnice v Praze, prednosta doc. MUDr. Vaclav
Tosovsky.

(INTESTINAL OBSTRUCTION, in infant and child,
meconium ileus. (Cs))

ELEFANT, Emerich, doc.; TOSOVSKY, Vaclav, MUDr.

Stomach perforation in premature infant. Cesk. pediat. 12 no.2:
132-135 Feb 57.

1. III. detska klinika Karlovy university, prednosta doc. MUDr.
Otto Vychytil a oddeleni detske a orthopedicke chirurgie. Detske
fakultni nemocnice v Praze, prednosta primar MUDr. Vaclav Tosovsky.

(STOMACH, perforation

with fatal cerebral hemorrh. in premature inf. (Cz))

(CEREBRAL HEMORRHAGE, in inf. & child

fatal in premature inf., with stomach perf. (Cz))

(INFANT, PREMATURE, dis.

cerebral hemorrh., fatal, with stomach perf. (Cz))

ELEFANT, Emerich, MUDr.

One year follow-up of children delivered by pelvic or cesarean sections.
Cesk. pediat. 12 no.8:587-593 5 Aug 57.

1. Por. odd. FN, primar J. R. Pros a III, detska klinika, prednosta prof.
MUDr O. Vychytil, Praha
(CESAREAN SECTION,
follow-up for one year of child, delivered by pelvic or
cesarean section (Cx))

ELEFANT, E.

ELEFANT, E.; VYCHYTIL, O.

Cardio-esophageal syndrome in early infancy. Cesk. pediat. 12 no.9:
765-769 5 Sept 57.

1. III. detská klinika KU v Praze, asistent prof. O. Vychytil.

(CARDIOSPASM, in inf. & child

achalasia, alone & with pyloric stenosis in early
infancy (Cs))

(PYLORUS, stenosis

with achalasia in inf. (Cs))

(STOMACH, dis.

chalasia in inf. (Cs))

EXCERPTA MEDICA Sec 7 Vol. 11/9 Pediatrics Sept 57

2298. ELEFANT E. and VYCHYTIL O. III. Univ.-Kinderklin., Karls-Univ., Prag.
*Incontinentia pigmenti. Incontinentia pigmenti ANN. PAEDIAT. (Basel) 1957, 188/2 (105-116) Tables 1 Illus. 4

The authors describe a case observed clinically in a girl from the 12th day after birth, successively from the vesicular and bullous stages right up to the final pigmentations at 4 months. The partial success of treatment with ACTH is noted. In addition to the skin disease an anomaly of the teeth was also found. Both mother and grandmother of the child showed partial anodontia. Regarding the aetiology of the disease the authors place it into the group of ectodermal polydysplasias.

(VII, 13)

ELEFANT, E.; VALIK, A.; DRAPKA, M.; PROCHAZKA, M.; PENNIGEROVA, S.

Personal results and indications for neuroplegia in infants with surgical diseases. Cesk. pediat. 13 no.1:15-20 5 Jan 58.

1. III. detska klinika KU v Praze, prednosta prof. Dr. O. Vychytil
Klinika pediatricke chirurgie v Praze, prednosta doc. Dr. V. Kafka.
E. E., Praha 2, Jecna c. 29.

(ANESTHESIA, REGIONAL, in inf. & child
nerve block, indic. in surg. dis. of inf. (Cz))

(PEDIATRIC DISEASES, therapy,
ganglion blocking agents in surg. dis. (Cz))

ELEFANT, E.: STREJCHYR, V.

Hirschsprung's disease in newborn. Cesk. pediat. 13 no.9:776-786 5 Oct 58.

1. III. detska klinika KU v Praze, prednosta prof. MUDr. O. Vychtil.

MUDr. E. Elefant, Praha 2, Jecna 29.

(MEGACOLON, case reports

in newborn (Cz))

(INFANT, NEWBORN, dis.

megacolon, case reports (Cz))

JEKLEROVA, J.; ELMFANT, E.; TOSOVSKY, V.; JELINEK, J.

Hygroma cysticum colli in children. Cesk. pediat. 13 no.9:787-792 5
Oct 58.

1. III. detska klinika Karlovy university v Praze, prednosta prof. dr.
Otto Vychytil Detska chirurgicka klinika v Praze, prednosta doc. dr.
V. Kafka.

(LYMPHANGIOMA, in inf. & child
hygroma cysticum colli (Cz))

KAFKA, V.; ELEFANT, E.; SVABENSKA, J.

Esophageal atresia. Cesk. pediat. 14 no.1:1-6 5 Jan 59.

1. Klinika pediatricke chirurgie, prednosta doc. MUDr. V. Kafka, III. detska klinika, prednosta prof. MUDr. O. Vychytil. I. detska klinika, prednosta prof. MUDr. J. Svejcar. V. K., Klin. ped. chir., Ke Karlovu 2, Praha 2.

(ESOPHAGUS, abnorm.

atresia in inf., diag. & surg. (Cz))

ELEFANT, E.; JELINEK, J.

Tracheo-esophageal communications. Cesk. pediat. 14 no.1:7-9 5 Jan 59.

1. III. detaka klinika Karlovy university v Praze, prednosta prof.
MUDr. Otto Vychytil. E. E., III. det. klin., Ke Karlovu 2, Praha 2.

(TRACHEA, fistula
esophagotracheal (Cz))

(ESOPHAGUS, fistula
same)

TOSOVSKY, V.; ~~REHROVA~~ V.; VYCHYTIL, O.; ELIANT, E.

Torsion of the spleen. Cesk. pediat. 14 no.2:167-169 5 Feb 59.

1. Klinika detske chirurgie, prednosta uoc. MUDr. ., Karka a III. detska
klinika, prednosta prof. MUDr. O. Vychytil. Dosto 14. VII. 1958.
(SPLEEN, dis.

torsion in 3-year-old boy (Cz))

ELEFANT, B.; TOSOVSKY, V.

Case of invagination in newborn infant. Cesk. pediat. 14 no.3:257-259 5 Mar 59.

1. III. detska klinika EU v Praze, prednosta prof. MUDr. O. Vychytil
Klinika pediatricke chirurgie, prednosta doc. MUDr. V. Kafka.
(INTUSSUSCEPTION, in inf. & child,
newborn (Cz))
(INFANT, NEWBORN, dis.
intussusception (Cz))

ELEFANT, E.; VYCHYTIL, O.; TOSOVSKY, V.; JELINEK, J.

Ladd's syndrome. Cesk.pediat. 14 no.12:1064-1069 D '59.

1. III.detska klinika Karlovy university v Praze, prednosta prof.
Dr. O. Vychytil. Detska chirurgicka kl8nika v Praze, prednosta
doc.dr. V. Kaika.

(INTESTINAL OBSTRUCTION in inf.& child.)
(DUODENUM abnorm.)

ELEFANT, E.; JELINEK, J.; JIROUT, J.; TOSOVSKY, V.

Congenital malformations of the spine in infants. Acta univ. carol.
[Med] no.8:775-789 '60.

1. III detska klinika fakulty vseobecneho lekarstvi University Karlovy,
prednosta prof. MUDr. O. Vychytil Neuroradiologicke oddeleni neuro-
logicke kliniky fakulty vseobecneho lekarstvi University Karlovy,
prednosta akademik K. Henner Traumatologicke oddeleni kliniky pro orto-
pedickou a detskou chirurgii fakulty detskeho lekarstvi University
Karlovy, prednosta doc. MUDr. V. Tosovsky.

(SPINE abnorm)

ELEFANT, Emerich; VYCHYTIL, Otto; TOSOVSKY, Vaclav

A case of meconium impaction in a newborn infant. Cesk. pediat. 16
no.7/8:692-695 JI-Ag '61.

1. III detška klinika KU v Praze, prednosta prof. MUDr. O. Vychytil -
Klinika pediatricka chirurgie, prednosta doc. MUDr. V. Kafka.

(MECONIUM)

ELEFANT, E.

Contribution to the diagnosis of esophageal stenosis; demonstration of a new acoustic sign. Cas.lek.cesk 100 no.11:335-338 17 Mr '61.

1. III. detska klinika KU v Praze, prednosta prof. MUDr. O. Vychytil.

(ESOPHAGEAL STENOSIS diag)

ELEFANT, E.; JEKLEROVA, J.; TRAPL, J.

A case of Henoch's fulminating purpura with necroses in a 4-months-old infant. *Cesk. pediat.* 16 no.9:832-836 S '61.

1. III detska klinika, prednosta prof. dr. O. Vychytil II kozni klinika, prednosta prof. dr. K. Hubachmann.

(PURPURA in inf & child)

(ALLERGY in inf & child)

ELEFANT, E.; JELINEK, J.; HOLANOVA, L.; ZAK, F.

On the etiology of anuria in newborn infants. Cesk. pediat. 17 no.9:
815-818 S '62.

1. III. detska klinika Detske fakultni nemocnice v Praze, prof. dr.
O. Vychytil II. patologickoanatomicky ustav University Karlovy v
Praze, prednosta prof. dr. V. Jedlicka.
(INFANT NEWBORN DISEASES) (ANURIA)

ELEFANT, E.

Parenteral fluid therapy in surgery in newborn infants. Cesk.
pediat. 17 no.12:1081-1087 D '62.

1. III. detská klinika fakulty všeobecného lékařství Karlovy university
v Praze, přednosta prof. dr. O. Vychytil.
(INFANT NEWBORN) (DEHYDRATION) (PARENTERAL FEEDING)
(INFANT NUTRITION DISORDERS)

ELEFANT, Emerich; BRODSKY, Milan; JELINEK, Jan

Urolithiasis in infants. Cas. lek. cesk. 101 no.19:587-592 11 My
'62.

1. III detska klinika fakulty vseobecneho lekarstvi KU v Praze,
prednosta prof. dr. O.Vychytil. Klinika detske chirurgie fakulty
detskeho lekarstvi KU v Praze, prednosta prof. dr. V.Kafka, DrSc.
(URINARY CALCULI in inf & child)

CZECHOSLOVAKIA

KANDRAC, M.S., ELBEFANT, E., ZINGER, P., VALIK, A., and MOTLIK, K., Laboratory for Endocrinology and Metabolism (Laborator pro endokrinologii a metabolismus), Faculty of General Medicine (Fakulta vseobecného lékařství), Charles University, Prague, Academician J. CHARVAT [MD], director; Third Pediatric Clinic (III. dětská klinika), Faculty of General Medicine, Charles University, Prague, Prof. O. VYCHYTIL, MD, director; and Second Institute of Pathological Anatomy (II. patologickoanatomický ústav), Faculty of General Medicine, Charles University, Prague, Prof. V. JEDLIČKA, MD, director [individual affiliations cannot be determined].

"Some Problems of Adrenocortical Function in the Adrenogenital Syndrome Associated With a Breakdown of the Salt Metabolism."

Prague, Časopis Lékařů Českých, Vol CII, No 41, Prague, 11 October 63, pp 1119-1125.

Abstract [Authors' English summary]: The following substances in the highest concentration were found in a four-month old boy suffering from adrenogenital syndrome and a breakdown of the salt metabolism in the urine: 11-keto-pregnane-3 alpha, 17 alpha, 20 alpha-triol; pregnane-3 alpha, 17 alpha-diol-20-on; pregnane-3alpha,20alpha-diol and tetrahydrocortisone. Traces of tetrahydrocortisol appeared in the urine only on the second day after ACTH stimulation. Discussed
1/2

CERNY, M.; SOUKUP, F.; CERNA, M.; MISAROVA, Z.; SIMANKOVA, N.; ELEFANT, E.;
BOHACOVA, Z.

Karyological findings in multiple malformations. Acta univ.
Carol.[med] (Praha): Suppl. 18: 111-118 '64.

1. Ustav obecné biologie fakulty všeobecného lékařství University
Karlových v Praze (prednosta: prof. dr. B. Sekla); I. detská
klinika fakulty detského lékařství University Karlových v Praze
(prednosta: prof. dr. J. Svajcar); III. detská klinika fakulty
všeobecného lékařství University Karlových v Praze (prednosta:
prof. dr. O. Vychytil) a IV. detská klinika fakulty všeobecného
lékařství University Karlových v Praze (prednosta: prof. dr.
F. Hlázek).

ELEFANT, E.; TOSOVSKY, V.

Congenital osteogenesis imperfecta. Cesk. rentgen. 18 no.3:
189-192 My'64.

1. III. detska klinika fakulty vseobecneho lekarstvi KU
v Praze (prednosta: prof.dr. O.Vychytil) a Klinika detske
chirurgie fakulty detskeho lekarstvi KU v Praze (prednosta:
prof.dr. V.Kafka, DrSc.).

*

JEKLEROVA, J.; ELEFANT, E.; PETRASEK, J.

Endocrino-active sympathoblastoma in a 12-month-old infant.
Cesk. pediat. 19 no.1:47-49 Ja'64.

1. III. detska klinika fakulty vseobec. lekarstvi KU v Praze
(prednosta: prof.dr. O.Vychytil) a III. interni klinika fa-
kulty vseobec. lekarstvi KU v Praze (prednosta: akademik
J.Charvat).

*

ELEFANT, E.; JEKLEROVA, J.; JANELE, J.

Congenital hypoplastic erythroid anemia in infants. Cesk. pediat.
19 no.3:254-257 Mr'64.

1. III. detska klinika fakulty vseobecneho lekarstvi KU v Praze
(prednosta: prof.dr. O.Vychytil) a Hematologicke oddeleni fa-
kultni nemocnice v Praze 10 (vedouci: MUDr. J.Janele, CSc.)

*

CERNY, M.; ELEFANT, E.; JEKLEROVA, J.; RYCHTEROVA, V.

Autosomal mosaic 45/46/47 in Down's disease with an unusual heart abnormality. Cas.lek.cesk. 103 no.10:270-274 ; 6 Mr'64.

1. Biologický ústav fakulty všeobecného lékařství KU v Praze; (prednosta: prof. MUDr. et RNDr. B.Sekla); III.detská klinika fakulty všeobecného lékařství KU v Praze (prednosta: prof. dr. O.Vychytil) a II.patologickoanatomický ústav fakulty všeobecného lékařství KU v Praze (prednosta: prof.dr.V.Jedlicka).

*

ELEFANTI, E.

New method of planning for material
needs. p. 7.
TOBTERMELES. (Uzemi Tervgazdasagi es
Szervezesi Tudomanyos Egyesulet)
Budapest.
Vol. 10, no. 5, May 1956.

SOURCES: EEAL - LC Oct. 1956. Vol. 5 No. 10

RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses R
and Rickettsiae.

Abs Jcur: Ref Zhur-Biol., No 9, 1958, 40656.

Author : Surdan, C., Cure, C., Wegener, M., Dumitriu, E.,
Elefterescu, A., Lozinski, A.

Inst : People's Republic of Rumania Academy of Sciences.

Title : Epizootologic, Clinical, Pananotomic and Experimental
Aueski Disease Data.

Orig Pub: Studii i cercetari inframicrobiol., microbiol. i parazitol.
Acad. RFR, 1956, 7, No 3-4, 355-402.

Abstract: The authors have established the fact that the epizooty
process of the Aueski disease in dogs and cats of Buca-
rest was caused by raw pork used as food constituting
the source of the disease. When experimental animals
were inoculated with the ground lung tissue obtained

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RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40656.

from just slaughtered healthy pigs, 71.4 percent of them fell sick and secreted viruses. When two strains of the Aueski virus were used in intracerebral inoculations of mice, they caused the animals to become sick (encephalitic syndrome and itch), beginning with the third subinoculation 6 hours after incubation, and after 8 to 16 hours, death of the animals followed. Hematological examination revealed that the afflicted animals are perpetually suffering from leucocytosis. The leucocytic formula was characterized by neutrophilia (88.8 to 92.8 percent), lymphopenia (4.7 to 8.2 percent), eosinophilia and basophilia, as well as the presence of plasmocytic type cells and changes of the polynuclears and

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RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses R
and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, #0656.

of the monocytes. The following changes were predominant in the pathological and anatomical changes of the sick animals: hemorrhagic diathesis, hepatitis, acute nephritis, myocarditis, nonpurulent lesions of the meninges and of the brain, degenerative cytonuclear lesions of the sympathetic modules with Hurst's intranuclear inclusion as well as neurophagic processes.

Card : 3/3

PASCU, L.; SURDAN, C.; ELEFTERESCU, A.; ENACHE, A.

Behavior of the vaccine adsorbed on $Al(OH)_3$ in the prophylaxis of fowl pox. Three years of full use in practice. Studii cerc infra-microbiol Special issue-supplement to 12:471-478 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Laboratorul de control stiintific al Ministerului Agriculturii (for Pascu, Surdan, and Elefterescu). 2. Departamentul GOSTAT (Gospodarie de Stat)(for Enache).

(CHICKEN-POX IN POULTRY) (VACCINES)

PASCU, L.; ELEFTERESCU, A.; ISOPESCU, I.

Antirabic immunity. Studii cerc inframicrobiol Special issue-
supplement to 12:157-166 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul
de seruri si vaccinuri Pasteur, Bucuresti.

(HYDROPHOBIA) (IMMUNITY)

PASCU, L.; ELEFTERESCU, A. ISOPESCU, I.

Contributions to the study of anti-rabies immunity. Stud. cercet.
inframicrobiol. 12:157-166 Supplement '61.
(RABIES immunology)

TOMESCU, V.; PASCU, L.; SURDAN, C.; POPA, M.; DOHOTARU, V.; ELEFTERESCU, A.;
GHEORGHIU, I.; EUSTAFIEVICI, O.; MOLDOVAN, Gh.; CONSTANTINESCU, Cr.;
DAN, F.; IFTIMOVICI, R.; ANASTASIU, I., asistent tehnic; FLOREA, A.,
asistent tehnic

On the immunity following the antiaphthous vaccination. Studii cerc
inframicrobiol Special issue-supplement to 12:385-397 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R., Laboratorul
de viroze animale si Institutul de seruri si vaccinuri Pasteur,
Bucuresti. 2. Membru al Comitetului de redactie, "Studii si cercetari
de inframicrobiologie" (for Tomescu).

(FOOT-AND-MOUTH DISEASE) (IMMUNITY)

PASCU, L.; SURDAN, C.; ELEFTERESCU, A.; in colaborare cu ENACHE, A.

Behavior of vaccine adsorbed on Al(OH 3) in the prevention of
fowl pox. 3 years of extensive use in the field. Stud. cercet.
inframicrobiol. 12:471-478 Supplement '61.

(POULTRY diseases) (VIRUS DISEASES immunology)

PASCU, L.; TIGANU, N.; ELEFTERESCU, A.; POPA, E.; NEGREANU, V.

Influence of the lyophilizing process on the virulence and immunizing power of "H" virus. Stud. cercet. inframicrobiol. Bucur. 12 no.2: 205-215 '61.

(NEWCASTLE DISEASE immunology) (POULTRY diseases)
(VACCINES)

PASCU, L.; ELEFTERESCU, A.

Research on the time required for induction of immunity in avian pseudoplague after vaccination with "H" virus. Stud. cercet. inframicrobiol. Bucur. 12 no.2:217-222 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. ~~by [illegible]~~
(NEWCASTLE DISEASE immunology) (POULTRY diseases)

TOMESCU, V.; PASCU, L.; SURDAN, C.; POPA, M.; DOHOTARU, V.; ~~ELEFTERESCU, A.~~
~~GHEORGHIU, I.~~; EUSTAFIEVICI, O.; MOLDOVAN, Gh.; ~~CONSTANTINESCU, Cr.~~
DAN, F.; IFTIMOVICI, R.

Study of immunity after vaccination against foot-and-mouth disease.
Stud. cercet. inframicrobiol. 12:385-397 Supplement '61.
(~~FOOT-AND-MOUTH DISEASE~~ immunology)
(CATTLE diseases

ELEFTERESCU, M.

Electrodynamic models of electric-power system; construction of models of synchronous generators.

P. 311 (Academia, Republicii Populare Romine. Institutul de Energetica. Studi Si Cercetari de Energetica. Vol. 6, no. 3, July/Sept. 1956, Bucuresti, Rumania)

Monthly Index of East European Accessions (FFAI) LC. Vol. 7, no. 2.
February 1958

ELEFTERESCU, M.; PAP, A.; NAGY, C.

Contribution to the thorough study of pneumatic mining installations. p. 569

STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania. Vol. 7, no. 4, 1957

Monthly List of East European Accession. (EEAI) LC, Vol. 8, no. 9, ^{Sept.}1959
Uncl.

ELEFTRESCU, M.; KOVACS, S.; DUMITRESCU, A.

On the problem of determining the dynamics of power consumption. In
Russian. p. 271.

REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. JOURNAL OF ELECTROTECHNICS AND
ENERGETICS. (Academia Republicii Populare Romane. Institutul de Energetica)
Bucuresti, Rumania
Vol. 3, no. 2, 1958.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

ELEFTERESCU, M.; KOVACS, S.; DUMITRESCU, A.

Contribution to the establishment of the rate of consumption of thermal and electric power. p. 183

Academia Republicii Populare Romine. Institutul de Energetica. STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania. Vol. 8 no. 2, 1958

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7 July 1959.

Uncl.

ELEFTERESCU, M. ; KOVACS, S. ; DUMITRESCU, A.

Determination of the amount of power necessary for the long-term plan,
based on specific power-consumption dynamics. p. 49.

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industrii Electrotehnice)
Bucuresti, Rumania, Vol. 7, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

8 (2)

AUTHORS: Dumitrescu, A., Engineer, ~~Elefterescu, M.~~ SOV/105-59-8-5/28
Engineer, Kovaci, S., Engineer, (Bucharest,
Rumanian People's Republic)

TITLE: Methods of Determining Future Power Consumption

PERIODICAL: Elektrichestvo, 1959, Nr 8, pp 26 - 29 (USSR)

ABSTRACT: The various methods used in various countries for determining the dynamics of power consumption are mentioned. In this paper, an analytical method of determining the dynamics of the total consumption of heat and electric energy is presented, which proceeds by summing up the energy consumption in the individual branches of national economy, making use of the dynamics of the specific energy consumption and of the production rate in the industrial branch under consideration. This analytical method offers better results than conventional methods and is better suited to the requirements of a planned economy. The dynamics of specific energy consumption is determined from earlier statistical data. The future dynamics, however, is determined on the basis of objective criteria concerning the amount of specific energy consumption at the end of the period which is of interest. If the past and actual specific energy

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Methods of Determining Future Power Consumption

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consumption and its amount at the end of the future period concerned are known, curves for the dynamics of specific consumption in the future period can be obtained. These curves can be expressed by the exponential equations (1) and (2). Experiments showed that the course of the curves corresponds to the process under review. If, however, the dynamics is to be determined only for short periods during which the specific energy consumption varies only little, and, besides, has varied only little in the past, the linear relationships (3) and (4) can be used by way of approximation. This method is used for the determination of the zone in the dynamics of specific energy consumption which lies between the curves (5), (6), and (7), (8) in the future period. The same method is applied to the dynamics of production, which is specified by curve (11) and shown by figure 3. If formulas (1), (2), and (11) are represented graphically, using a logarithmic scale for the ordinate, it is possible to obtain the results of each of these equations by adding the ordinates of the original diagrams (Figs 4a, 4b). The capital saved within a given period is obtained by integrating formula (25), which expresses the savings in the year t .

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Considering (1), (2), and (11), formula (27) is obtained. The capital saved within a given period can also be determined graphically, as explained and shown in figure 5. Formula (31) expresses the relationship between the capital savings L_1 in the year t_1 , the specific capital investment for the respective industrial branch, the period of redemption of these investments, and production capacity in the year t_1 . Families of straights can be plotted on the basis of formulas (25) and (31), each of which corresponds to a certain price level in the year t_1 . Figure 6 presents the diagram which permits determination of the economical equivalence of the dynamics of specific expenditures in the year t_1 . There are 6 figures and 3 references, 2 of which are Soviet.

SUBMITTED: December 24, 1958

Card 3/3

DUMITRESKU, Adrian[Dumitrescu, Adrian]; ELEFTERESKU, Marius[Elefterescu, Marius]; KOVACH, Shtsfan[Kovacs, Stefan]

Technoeconomic aspects of the competition between the blast furnaces and electric blast furnaces. Rev electrotechn energet 6 no.2:423-438 '61.

ELEFTERESCU, M.; KOVACS, St.; NAGY, Cs.; DUMITRESCU, A.

Some problems in the establishment of a general power balance. Studi
cerc energet 11 no.3:421-429 '61.

DUMITRESCU, Adrian, ing.; ELEFTERESCU, Marius, ing.; KOVACS, Stefan, ing.

Determining power consumption in iron metallurgy. Metalurgia
constr mas 14 no.1:14-25 Ja '62.

1. Institutul de studii, cercetari si proiectari tehnologice
pentru industria constructoare de masini utilaje si industria
electrotehnica (for Dumitrescu). 2. Institutul de energetica al
Academiei R.P.R. (for Elefterescu and Kovacs).

PEREDY, Sander; MONATH, Lajos; RAPELIUS, Karl (Leipzig); CALLENBERG, Waldemar (Leipzig); LIPKA, Ceslav (Praha); FREIBERGER, Rudolf, dr. ing. (Praha); SCHENKEL, Gerhard, dr. ing. (Karlsruhe); MIKULSKI, Jan, dr. ing. (Katowice); FRATZSCHER, Wolfgang, dr. ing. (Drezda); BENEDEK, Istvan; CUKOR, Gyorgy; SAGI, Marton; SOVARY, Emil; NAGY, Csaba (Roman Nepkoztarsasag); ELEFTERESCU, M. (Roman Nepkoztarsasag); KOVACS, Istvan (Roman Nepkoztarsasag); LAZAR, Peter, dr.; MEJRO, Cs., prof. (Varso); KOKOVAY, Janos, dr.; SCHAEFER, Helmuth, dr. ing. (Karlsruhe); BORBAS, Nandor; GRUHN, Gunther, Dipl. ing. (Drezda); SZABO, Bendeguz; GYORI, Attila; MOLNAR, Laszlo; RECZEY, Gusztav, dr.

Determination and application of specific power utilization indexes. Ipari energia 3 no.1/2:15-22 Ja-F '62.

1. Koho- es Gepipari Miniszterium Ipargazdasagi es Uzemszervezesi Intezete (for Peredy).
2. Obudai Hajogyar (for Monath).
3. Orszagos Energiagazdalkodasi Hatosag (for Benedek and Reczey).
4. Magyar Tudomanyos Akademia Kozgazdasagtudomanyi Intezete (for Cukor and Sagi).
5. Eromu Tervezo Iroda (for Sovary).
6. Konnyuipari Miniszterium (for Kokovay).
7. Voros Csillag Traktorgyar (for Borbas).
8. Kobanyai Muanyaggyar (for Szabo).
9. Koho- es Gepipari Miniszterium Energiaosztaly (for Molnar).

ELEFTERESCU, M.; KOVACS, St.; TRANDAFIRESCU, G.

Fuel and electric power transport systems. Rev electrotechn energet
9 no.3:349-356 '64

ELEFTEROV, Z.

Treatment of vomiting in pregnancy with massive doses of bromine.
Med.letopisi 41 no.10:1063-1065 D '49. (CML 19:2)

1. Head of the Obstetric-Gynecological Division of the Stalin
Oblast Hospital.

SA ELEK, A.

Section 5

621.315.052.2 : 621.3.014.1
3644. Capacitive currents in networks with an earth return. L. FÁRÁSKY AND A. RÁJ. *Elektrotechnika*, 46, 119-34 (April, 1952) in Hungarian.

The influence of capacitance and the charging currents in systems with earth return is investigated (see previous abstract). On the basis of theory and test results it is concluded that from the point of view of rating of the transformer the charging currents in a system with earth return can be disregarded in the same way as in a system with an insulated neutral. A simple method of measuring the displacement currents is also described.

A. GROS

ELEK, A.

"Design and calibration of iron-cored reactors with an air gap and linear characteristics."
Elektrotechnika, Budapest, Vol. 47, No. 2, Feb. 1954, p. 57.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

ELEK, Andras

Competition for the title of outstanding plant. Munka 5 no.6:15-20
Je '55.

1. Szakszervezetek Orszagos Tanacsa Termelesi Osztalya helyettes ve-
zetoje.

SZABO, Elek; ELEK, Antal; OTDOGH, Maria; UPOR, Endre

Determination of the trace elements of rocks by the
method of neutron activation. Kozm. fiz. kozl. MTA 12
no. 5:355-364 '64.

Central Research Institute of Physics, Hungarian Academy
of Sciences, Budapest.

Placenta
FORGACS, Jozsef; KOVACS, Ervin; ~~RIK, Emil~~

Blood coagulation changes in severe cases of precocious detachment of the placenta with adhesion on the usual sites. Magy. noorv. lap. 20 no.6:363-367 Dec 57.

1. A Honved Tiszti Korhaz Szulo, Nobeteg osztalyanak es a Tetenyi uti Korhaz Szulo Nobeteg osztalyanak kozlemenye.

(PLACENTA

abruption, disord. of blood coagulation in (Hun))

(BLOOD COAGULATION, in pregn.

disord. in placental abruption (Hun))

File, Encl. 23
FORGACS, Jozsef, Dr.; ~~ELIK, Emil, Dr.~~

Polycystic kidney in pregnancy. Orv. hetil. 98 no.42:1167-1168
20 Oct 57.

1. A Tetenyi uti Korhaz (igazgato:Zellner Pal dr.) Szulo- es Nobeteg
Osztaalyanak (foorvos: Acs Miklos dr.) kozlemenye.

(KIDNEYS, cysts

congen. polycystic dis. in pregn., case report (Hun))

(PREGNANCY, in various dis.

polycystic kidney dis., congen., case report (Hun))

ACS, Miklos, Dr.; TOTH, Bela, Dr.; ~~BLAK, Emil, Dr.~~

Dilatation of os and cervix uteri in therapeutic abortions by hyaluronidase. Magy. noorv. lap. 21 no.3:173-177 June 58.

1. A Tetenyi uti területi korhaz (Igazgato: Zellner Pal dr.) Szulobeteg osztalyanak (foorvos: Acs Miklos dr.) kozlemenye.

(ABORTION, THERAPEUTIC

dilatation of os & cervix uteri by hyaluronidase (Hun))

(HYALURONIDASE, eff.

dilatation of os & cervix uteri in ther. abortion (Hun))

ELEK, Emil, dr.

Cases of chorea in pregnancy. Magy. noorv. lap. 25 no.2:84-86 Mr '62.

1. Tetenyi-uti korbaz (igazgato: Zelner Pal dr.) Szulo-nobeteg osztalya
kozlemenye.

(CHOREA in pregn) (PREGNANCY compl)

FORGACS, Jozsef, dr.; NEMETH, Laszlo, dr.; ELEK, Emil, dr.

Cesarean section with potentiated local anesthesia. Orv. hetil. 103
no.9:398-399 Mr '62.

1. Fovarosí Tetenyi uti korház, Szülő- és nőbeteg-osztály.

(CESAREAN SECTION anesth & anal)
(ANESTHESIA LOCAL)

FORGACS, Jozsef, dr.; NEMETH, Lasso, dr.; ELEK, Emil, dr.

Thrombolytic therapy of cases of gynecological and obstetric thrombosis.
Orv. hetil. 103 no.20:921-925 20 My '62.

1. Tetenyi-uti korhaz, Szulo es Nobeteg Osztaly.

(STREPTODORNASE AND STREPTOKINASE ther)
(THROMBOSIS ther) (GYNECOLOGY ther)
(PREGNANCY compl)

Obstetrics and Gynecology

HUNGARY

CZEIZEL, Endre, Dr, ELEK, Emil, Dr; National Public Health Institute (chief director: BAKACS, Tibor, Dr), Department of Physiology and Pathophysiology (chief physician: KERTAI, Pal, Dr) (Orszagos Kozegeszsegugyi Intezet, Elet-es Korelettani Osztaly), and Szovetseg Street Hospital, Obstetrical Ward (chief physician: FORGACS, Jozsef, Dr) (Szovetseg Utcai Korhaz, Szuleszeti Osztaly).

"Seasonal Variations in Fertility and in the Incidence of Fetal Damage."

Budapest, Orvosi Hetilap, Vol 107, No 52, 25 Dec 66, pages 2466-2469.

Abstract: [Authors' Hungarian summary] On the basis of the 1957-63 data involving live, dead and premature births as well as spontaneous and induced abortions, the seasonal index of them and of conceptions was calculated. The number of live births exceeded the yearly average between Feb and May, and it remained below the average between Oct and Jan. Dead births were less frequent between Jul and Oct. There were no seasonal variations with respect to spontaneous abortions. Conceptions were less frequent during the late winter and early spring months and they increased in frequency during the summer months. They represent somewhat of a mirror image of the general mortality picture. 11 Eastern European, 59 Western references.

1/1

SZUCS, Laszlo; ELEK, Eva

Data on the microelement content of chernozem soils in Hungary.
Agrokem talajtan 11 no.3-4:311-322 D '62.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemiai
Kutato Intezete, Budapest.

ELEK, G.

Experiments for decreasing paraaminosalicylic acid resistance. Orv. hetil.
94 no.6:150-151 8 Feb 1953. (CIML 24:3)

1. Doctor. 2. Baktaloranthazai District Council Tuberculosis Hospital
(Director - Head Physician -- Dr. Ferenc Farkas).

ELEK, Gyorgy

Chatting about i-i. Elet tud 16 no.35:1114 27 Ag '61.

KILCZER, Gyula; ELEK, Ilona

Correction of seismic refraction measurements performed on hilly terrains. Geofiz kozl 8 no.4:201-207 '60.

1. "Geofizikai Kozlemenyek" szerkeszto bizottsagi tagja (for Kilozer).

ELEK, Janos, gepeszmernok

Remark about Istvan Erdelyi's article published in "Energia es Atomtechnika." Energia es atom 15 no.9:427-428 S '62.

1. Eromu Terveze Iroda.

ELEK, Janos

"Application of countermoving (Ljungstrom) turbines in modern power plants" by C. Larson, B. Nilson. Reviewed by Janos Elek. Energia es atom 16 no.10/11 490 0 '63.

ELFK, János, okleveles gépészmérnök; BAKSÓ, László, mérnök, BARTA,
György; KOVACS, Lajos; KORANYI, György, dr.; KUSZTOS, István, KUCZAL,
Jeno; PONGRACZ, Vladimir

Efficiency of gas consumption of various consumers with special
regard to the optimum distribution of energy carriers. Energia
es atom 18 no.1:15-17 Ja '65.

1. National Petroleum and Gas Industry Trust, Budapest (for
Pors). 2. Ministry of Heavy Industry, Budapest (for Kovacs).

HUNGARY/Cultivated Plants - Fruits, Berries.

14-3

Abs Jour : Ref Zhur - Biol., No 9, 1956, 32482

Author : Blek, L.

Inst : -

Title : Industrial Fruit Cultivation in the District of Zala.

Orig Pub : Kertszet es szoleszet, 1956, 5, No 10, 9-10

Abstract : The District of Zala possesses good natural conditions for the development of fruit cultivation. 81.3% of the garden area of the Komitat is occupied by apple trees; the pear tree, represented by many varieties, occupies second place; the plum tree also grows well. Varieties of principal fruit species are enumerated in this study. -- S.I.
Kuz'min

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ELEK, L

ELEK, L. Our growing of fruit on a large scale. p. 265

Vol. 8, No. 6, June 1956

AGRARTUDOMANY

AGRICULTURE

Budapest

SO: EAST EUROPEAN ACCESSIONS, Vol. 6, No. 3, March 1957

HUNGARY/Cultivated Plants - Fruits, Berries.

14-8

Abs Jour : Ref Zhur - Biol., No 9, 1956, 39483

Author : Elek, L.

Inst : -

Title : Industrial Fruit Cultivation in the Country Between the Danube and Tisza Rivers.

Orig Pub : Kerteszeti szakasz, 1957, 6, No 5, 6-7

Abstract : Statistical data on the age of fruit trees and the kind of care used for plantations in individual sectors of the national economy are given in this study. The apple tree varieties composition in individual regions are also described. -- F.Yu. Grabar'

Card 1/1

HUNGARY / Cultivated Plants. Fruit Trees. Small Fruit M
Plants. Nut Trees. Tea.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25059

Author : Elek, L.

Inst : Not given

Title : Cultivation of the Apricot Tree in Hungary

Orig Pub : Kerteszeti es szoleszeti, 1958, 7, No 7,
16-17

Abstract : No abstract given

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172

ELEK, Laszlo

Experiences in preparing local union elections in Vas County.
Munka 15 no.1:10-11 Ja '65.

1. Head, Organization and Cadre Committee of the Vas County
Trade Union Commission.

MLEK, Sandor, dr.

Industrial aspects, therapy, and prevention of degenerative diseases of the spine. Orv. hetil. 96 no.46:1278-1281 13 Nov 55.

1. A VIII. ker Tanács Szanto K. Janos Alfodi u. Rendelointezet (igazgato-forvoss:Somogyi Erno dr.) Rheuma Osztalyanak (o.v. foorvos: Mlek Sandor dr.) kozlenseye.

(SPINE, diseases

degen. in indust. workers, caused by degen. dis. of intervertebral disks, eff. of occup. strain)

(INTERVERTEBRAL DISK, diseases

degen., causing degen. spine dis. in indust. workers, eff. of occup. strain)

(OCCUPATIONAL DISEASES

degen. spine dis. in indust. workers, eff. of occup. strain)

HUNGARY

ELEK, Sandor, Dr.

"On the Sodium Concentration of Normal Serum."

Budapest, Medvedorvos, Vol 15, No 1, Jan-Mar 63, pp 68-71.

Abstract: [Author's Hungarian summary modified] The sodium concentration of the sera of 140 healthy individuals was found to be 132-140 milliequivalents per liter, with a mean value of 136 meq/l. This is 4.9 % lower than the hitherto accepted mean. The serum potassium and chloride levels were found to be in agreement with accepted normal mean values. The author expresses the opinion that in view of his data one can conclude that the normal concentration of serum sodium has become lowered during the past 8-10 years. This change must be taken seriously since ultimately a slight deviation in the level of this most important cation of the extracellular space must represent a lesser or greater metabolic disturbance. Of 12 references, 5 are Hungarian, the rest is Western.

1/1

HUNGARY

BUKY, Peter, Dr, ELEK, Sandor, Jr., Dr; [affiliations not given].

"Dye Dilution Method for the Determination of Plasma Remaining Around the Cells After Centrifugation of the Blood, the So-Called 'Trapped Plasma'."

Budapest, Honvedorvos, Vol XVIII, No 3, Jul-Sep 66, pages 238-242.

Abstract: [Authors' Hungarian summary] Following a brief discussion of the concept and importance of trapped plasma (with special reference to erythrocyte iron determinations), an extremely simple dye-dilution method of trapped plasma determination, using Evans' Blue, is described. By eliminating the hematocrit determination, the method equals or surpasses the sensitivity of the dye dilution and isotope methods of trapped plasma determination used earlier. On the basis of the results of 40 determinations each repeated twice, the trapped plasma content of normal human blood is given as 2.4 ± 0.49 per cent (range between 1.46-3.93 per cent). 3 Hungarian, 14 Western references.

1/1

HUNGARY

ELEK, Sandor, Jr., Dr, BUKY, Peter, Dr; [affiliations not given].

"Determination of the Potassium and Sodium Content of Erythrocytes."

Budapest, Honvedorvos, Vol XVIII, No 3, Jul-Sep 66, pages 243-247.

Abstract: [Authors' Hungarian summary] The Na and K content of the red blood cells of healthy male and female subjects was determined. The determinations were made directly on the sedimented erythrocytes after hemolysis and protein precipitation with trichloroacetic acid. The final value of ion concentration was calculated from the amount of trapped plasma and from the known mass of erythrocytes as well as from the known ion concentration of the plasma. The amount of trapped plasma in the blood of healthy subjects showed significant differences even when sedimented under identical conditions. When this value was exactly known and suitable correction was applied, the normal Na concentration of erythrocytes was found to be lower and to have a considerably narrower range (10.39 ± 1.065 Mval per kg of erythrocytes) than the values reported earlier in the literature. The amount of K measured in the course of the present study was in agreement with the values reported in the literature (86.9 ± 2.46 Mval. per kg of erythrocytes). 5 Hungarian, 15 Western references.

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HUNGARY

ELEK, Sandor, Jr, Dr, KOVACS, Mate, Dr, physician-major, BUKY, Peter, Dr, ALTHANN, Istvan, Dr, physician-major; [affiliations not given].

"The Salt and Water Balance of Erythrocytes in the Course of Blood Storage
I. Changes in the Erythrocyte Magnesium Content of Acidic-Citrate-Glucose (ACD) Blood."

Budapest, Honvedorvos, Vol XVIII, No 4, Oct-Dec 66, pages 308-312.

Abstract: [Authors' Hungarian summary] In the course of study of the salt and water balance of blood stored by means of different methods of preservation, the Mg metabolism of ACD-blood was also investigated. The K content of the erythrocytes of blood taken from 10 healthy subjects and stored using the ACD stabilizer decreased in the course of storage; at the same time, the Mg content of the cells remained virtually unchanged. On the basis of the results, it was concluded that a) the disturbance in glycolysis which develops during ACD-blood storage has no influence on the concentration gradient present between the extracellular and intracellular space with respect to Mg; b) Mg does not contribute significantly to the changes in total cation concentration which arises during storage; c) administration of ACD-blood is not suited for the correction of hypomagnesiemic states. 5 Eastern European, 23 Western references.

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